



FIG. 14



PREFERENCE=10 EXCHANGE=SMTP40.MAILPROVIDER.COM PREFERENCE=0 EXCHANGE=DOPEY.CUSTOMER.COM MNAME=NS1.NSPROVIDER.COM BASHFUL.CUSTOMER.COM GRUMPY.CUSTOMER.COM DOPEY.CUSTOMER.COM NS1.NSPROVIDER.COM. 47.0.0.5 47.1.0.2 47.0.0.3 47.0.0.4 47.0.0.2 47.1.0.1 47.1.0.3 **RDATA** 47.0.0.1 **CLASS** \mathbf{Z} \mathbf{Z} \mathbf{Z} \mathbf{Z} \mathbf{Z} Z \mathbf{Z} \mathbf{Z} \mathbf{Z} \geq \mathbf{Z} \mathbf{Z} \mathbf{Z} CNAME CNAME CNAME TYPE SOA SS \cong \cong ⋖ ⋖ ⋖ ⋖ ⋖ ⋖ Ø \triangleleft BASHFUL.CUSTOMER.COM. GRUMPY.CUSTOMER.COM SNEEZY.CUSTOMER.COM. DOPEY.CUSTOMER.COM. HEWEY.CUSTOMER.COM. DEWEY.CUSTOMER.COM. HAPPY.CUSTOMER.COM. HAPPY.CUSTOMER.COM. NEWS.CUSTOMER.COM. WWW.CUSTOMER.COM MAIL.CUSTOMER.COM. MAIL.CUSTOMER.COM GW.CUSTOMER.COM. CUSTOMER.COM. CUSTOMER.COM

DYNAMIC TOPOLOGY NOTIFICATION EXTENSIONS FOR THE DOMAIN NAME SYSTEM Inventor: Jospeh C. Harvel, Application No. 09/224,376

REPLACEMENT SHEET

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NAME	TYPE	CLASS	RDATA
CUSTOMER.COM.	DTG_ID	Z	ID=3711 RTSTVALID=FALSE RTST= <undefined></undefined>
GRUMPY.CUSTOMER.COM.	DTG_INFO	<u>z</u>	DTG IDENTIFIER=3711 ORIGINAL RR TYPE=A ORIGINAL RDATA LENGTH=4 ORIGINAL RDATA=47.0.0.1 INACTIVE RESPONSE TYPE=1 TEXT LENGTH=26 ALTERNATE RDATA LENGTH= <undefined> OPTIONAL TEXT=THE NETWORK IS UNAVAILABLE OPTIONAL ALTERNATE RR TTL=<undefined> OPTIONAL ALTERNATE RR TTL=<undefined></undefined></undefined></undefined>
SNEEZY.CUSTOMER.COM.	DTG_INFO	<u> </u>	DTG IDENTIFIER=3711 ORIGINAL RR TYPE=A ORIGINAL RDATA LENGTH=4 ORIGINAL RDATA=47.0.0.2 INACTIVE RESPONSE TYPE=1 TEXT LENGTH=0 ALTERNATE RDATA LENGTH= OPTIONAL TEXT= <undefined> OPTIONAL ALTERNATE RR TTL=<undefined> OPTIONAL ALTERNATE RR TTL=<undefined></undefined></undefined></undefined>
DOPEY.CUSTOMER.COM.	DTG_INFO	<u> </u>	DTG IDENTIFIER=3711 ORIGINAL RR TYPE=A ORIGINAL RDATA LENGTH=4 ORIGINAL RDATA-47.0.0.3 INACTIVE RESPONSE TYPE=0 TEXT LENGTH=0 ALTERNATE RDATA LENGTH= OPTIONAL TEXT= <undefined> OPTIONAL ALTERNATE RR TTL=<undefined> OPTIONAL ALTERNATE RDATA=<undefined></undefined></undefined></undefined>

FIG. 1B - 1



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NAME	TYPE	CLASS	RDATA
BASHFUL.CUSTOMER.COM.	DTG_INFO	<u>~</u>	DTG IDENTIFIER=3711 ORIGINAL RR TYPE=A ORIGINAL RDATA LENGTH=4 ORIGINAL RDATA=47.0.0.4 INACTIVE RESPONSE TYPE=2 TEXT LENGTH= <undefined> ALTERNATE RDATA LENGTH=4 OPTIONAL TEXT=<undefined> OPTIONAL ALTERNATE RR TTL=3600 OPTIONAL ALTERNATE RDATA=128.83.17.101</undefined></undefined>
HAPPY.CUSTOMER.COM.	DTG_INFO		DTG IDENTIFIER=3711 ORIGINAL RR TYPE=A ORIGINAL RDATA LENGTH=4 ORIGINAL RDATA=47.0.0.5 INACTIVE RESPONSE TYPE=0 TEXT LENGTH=0 ALTERNATE RDATA LENGTH= <undefined> OPTIONAL TEXT=<undefined> OPTIONAL ALTERNATE RR TTL=<undefined> OPTIONAL ALTERNATE RDATA=<undefined></undefined></undefined></undefined></undefined>
HAPPY.CUSTOMER.COM.	DTG_INFO	Z	DTG IDENTIFIER=3711 ORIGINAL RR TYPE=A ORIGINAL RDATA LENGTH=4 ORIGINAL RDATA LENGTH=4 ORIGINAL RDATA=47.10.1 INACTIVE RESPONSE TYPE=0 TEXT LENGTH=0 ALTERNATE RDATA LENGTH= <undefined> OPTIONAL ALTERNATE RR TTL=<undefined> OPTIONAL ALTERNATE RDATA=<undefined></undefined></undefined></undefined>

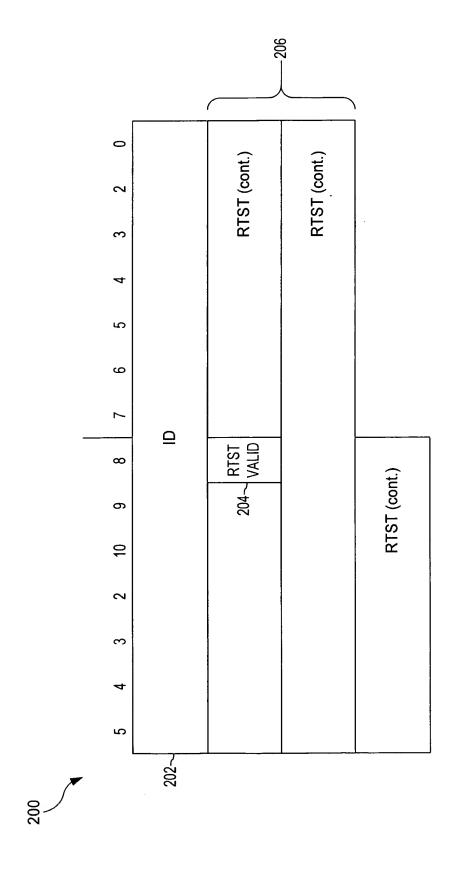


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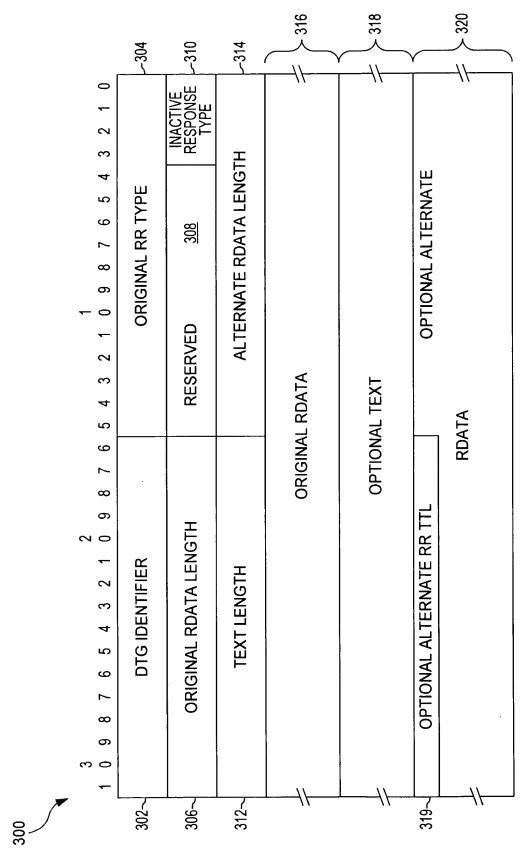
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NAME	TYPE	CLASS	RDATA
HEWEY.CUSTOMER.COM.	DTG_INFO	<u> </u>	DTG IDENTIFIER=3711 ORIGINAL RR TYPE=A ORIGINAL RDATA LENGTH=4 ORIGINAL RDATA=47.1.0.2 ORIGINAL RDATA=47.1.0.2 INACTIVE RESPONSE TYPE=0 TEXT LENGTH=0 ALTERNATE RDATA LENGTH= <undefined> OPTIONAL ALTERNATE RR TTL=<undefined> OPTIONAL ALTERNATE RDATA=<undefined></undefined></undefined></undefined>
DEWEY.CUSTOMER.COM.	DTG_INFO	<u> </u>	DTG IDENTIFIER=3711 ORIGINAL RR TYPE=A ORIGINAL RDATA LENGTH= ORIGINAL RDATA LENGTH= ORIGINAL RDATA=47.1.0.3 INACTIVE RESPONSE TYPE=0 TEXT LENGTH=0 ALTERNATE RDATA LENGTH= <undefined> OPTIONAL TEXT=<undefined> OPTIONAL ALTERNATE RR TTL=<undefined> OPTIONAL ALTERNATE RDATA=<undefined></undefined></undefined></undefined></undefined>
MAIL.CUSTOMER.COM.	DTG_INFO	· ·	DTG IDENTIFIER=3711 ORIGINAL RR TYPE=MX ORIGINAL RDATA LENGTH=22 ORIGINAL RDATA= PREFERENCE=0 EXCHANGE=DOPEY.CUSTOMER.COM. INACTIVE RESPONSE TYPE=0 TEXT LENGTH=0 ALTERNATE RDATA LENGTH= <undefined> OPTIONAL ALTERNATE RR TTL=<undefined> OPTIONAL ALTERNATE RR TTL=<undefined> OPTIONAL ALTERNATE RDATA=<undefined></undefined></undefined></undefined></undefined>

FIG. 1B - 3









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